



# Local Public Health Data

Darren J. Rausch, MS, CPH  
Health Officer/Director, Greenfield Health Department



---

---

---

---

---

---

---

---

## Core Public Health Functions

- Assessment
- Policy Development
- Assurance

---

---

---

---

---

---

---

---

## Essential Services & PHAB Accreditation Domains



The diagram is a circular flow chart with 'System Management' at the center. It is divided into three main domains: 'ASSESSMENT' (top right, orange/red), 'POLICY DEVELOPMENT' (bottom right, green), and 'ASSURANCE' (left, blue/purple). Each domain contains several sub-functions: 'ASSESSMENT' includes 'Monitor Health' and 'Diagnose & Investigate'; 'POLICY DEVELOPMENT' includes 'Inform, Educate, Empower', 'Mobilize Community Partnerships', and 'Develop Policies'; 'ASSURANCE' includes 'Evaluate', 'Assure Competent Workforce', 'Link to / Provide Care', and 'Enforce Laws'. A 'Research' segment is also shown at the bottom center. The PHAB logo is in the bottom right corner.



---

---

---

---

---

---

---

---

## Epidemiology is...

- Science of public health
- Provides the data and surveillance to make important programmatic decisions
- Measurement of what we do in local health is important...
  - Quality Improvement
  - Accreditation
  - Evaluation
  - Research
- The best data is USED to drive policy/program decisions!!!

---

---

---

---

---

---

---

---

## Community Health Assessment (CHA)

- Statutory requirements of LHDs every 5 years
- Federal requirements for non-profit hospitals every 3 years
- Can be difficult to get local information because of the smaller populations in the city
- Establishes priorities for local programs & informs the CHIP process

---

---

---

---

---

---

---

---

## The CHA Team

- A team of community representatives is formed to:
- Review health conditions and their modifiable risk factors  
Identify community strengths and resources
  - Prioritize health conditions which impact residents
  - Develop goals, measurable objectives, and implementation strategies
  - Incorporate health-plan goals and strategies into day-to-day activities
  - Annually review progress on goals, objectives, and strategies

---

---

---

---

---

---

---

---

## Data resources

- State
  - <http://www.dhs.wisconsin.gov/stats/index.htm>
  - <http://www.dhs.wisconsin.gov/localdata/index.htm>
- Local resources
  - School districts
  - Non-profits, including UnitedWay
  - Police Department
  - Fire Department
  - Local hospital
  - Poison Control
  - Many others...

---

---

---

---

---

---

---

---

## Community Health Improvement Plan (CHIP)

- The plan of action to address the health challenges noted in the CHA
- Typically a five-year plan with goals, objectives and outcomes to address the community's health
- CHIPPs Project
  - <http://www.dhs.wisconsin.gov/chip/>

---

---

---

---

---

---

---

---

## Community Health Improvement Plan (CHIP)

### Vision

By 2012, Wood County residents will be able to access appropriate care.

**Goal 1**  
By 2012, Wood County residents will be better able to access the health care system through improvements in health care referral and public education.

**Outcomes**  
By 2008:  
The language of health related communications will be understandable by a majority of the community.

By 2010:  
Patients will establish a primary care medical home.

By 2012:  
The number of inappropriate Urgent Care or Emergency Room Care visits will be decreased.

**Goal 2**  
By 2012, Wood County residents will have increased preventive health screening availability.

**Outcomes**  
By 2008:  
Awareness of key referral agencies' points of contact will be increased.

By 2010:  
An increased amount of low cost screenings will be offered to residents.  
Initiatives to help residents and providers understand insurance plan coverage and payment options will be increased.

By 2012:  
Residents will participate in preventive health screenings.

CREDIT: Wood County Health Department.



---

---

---

---

---

---

---

---

## Data drives health policy...

- Other data uses in local public health
  - Grant writing
  - Grant management
  - Updating local policy – internal or external
  - Quality Improvement
  - Accreditation
  - Many others...

---

---

---

---

---

---

---

---

## Questions?



---

---

---

---

---

---

---

---